AMENDMENT TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in this application.

Listing of Claims:

1. (Previously Presented) A multilayer pressure sensitive correction tape comprising:

(A) a release liner,

(B) a masking layer on the release liner, and

(C) a pressure sensitive adhesive layer on the masking layer, wherein the masking layer and/or pressure sensitive adhesive layer is radiation cured.

2. (Original) The multilayer pressure sensitive correction tape of claim 1, wherein the masking layer and the pressure sensitive adhesive layer are radiation cured.

3. (Previously Presented) The multilayer pressure sensitive correction tape of claim 1, wherein the masking layer is applied to the release liner followed by curing with radiation to form a radiation cured masking layer.

4. (Previously Presented) The multilayer pressure sensitive correction tape of claim 1, wherein the pressure sensitive adhesive layer is applied to the release liner followed by curing with radiation to form a radiation cured pressure sensitive adhesive layer.

5. (Previously Presented) The multilayer pressure sensitive correction tape of claim 1, wherein the layer cured by radiation further comprises a reactive monomer.

6. (Original) The multilayer pressure sensitive correction tape of claim 5, further comprising a photoinitiator.

7. (Previously Presented) The multilayer pressure sensitive correction tape of claim 1, wherein the layer cured by radiation further comprises a reactive oligomer.

8. (Original) The multilayer pressure sensitive correction tape of claim 7, further comprising a photoinitiator.

9. (Original) The multilayer pressure sensitive correction tape of claim 5, wherein the reactive monomer is selected from the group consisting of vinyl, acrylate, methacrylate, vinyl ether, and epoxy.

10. (Original) The multilayer pressure sensitive correction tape of claim 7, wherein the reactive oligomer is selected from the group consisting of vinyl, acrylate, methacrylate, vinyl ether, and epoxy.

11. (Original) The multilayer pressure sensitive correction tape of claim 6 wherein the photoinitiator is selected from the group consisting of benzoin alkyl ether, benzophenone, benzildimethyl ketal or a blend of 2,4,6-trimethylbenzoyldiphenylphosphine oxide, alpha hydroxy ketone and a benzophenone derivative.

12. (Original) The multilayer pressure sensitive correction tape of claim 8, wherein the photoinitiator is selected from the group consisting of benzoin alkyl ether, benzophenone, benzildimethyl ketal or a blend of 2,4,6 trimethylbenzoyldiphenylphosphine oxide, alpha hydroxy ketone and a benzophenone derivative.

13. (Original) The multilayer pressure sensitive correction tape of claim 1, wherein the masking layer further comprises an opaque pigment.

14. (Original) The multilayer pressure sensitive correction tape of claim 13, wherein the opaque pigment is an inorganic pigment whose color matches the background of the substrate.

15. (Original) The multilayer pressure sensitive correction tape of claim 14, wherein the opaque pigment is selected from titanium dioxide or zinc oxide.

16. (Original) The multilayer pressure sensitive correction tape of claim 1, wherein the pressure sensitive adhesive layer further comprises an opaque pigment.

17. (Original) The multilayer pressure sensitive correction tape of claim 16, wherein the opaque pigment is an inorganic pigment whose color matches the background of the substrate.

18. (Original) The multilayer pressure sensitive correction tape of claim 17, wherein the opaque pigment is selected from titanium dioxide or zinc oxide.

19. (Original) The multilayer pressure sensitive correction tape of claim 1, wherein at least one of the layers comprises an inhibitor.

20. (Original) The multilayer pressure sensitive correction tape of claim 19, wherein the inhibitor is methylhydroquinone.

21. (Original) The multilayer pressure sensitive correction tape of claim 1, wherein at least one of the layers comprises an antioxidant.

22. (Original) The multilayer pressure sensitive correction tape of claim 21, wherein the antioxidant is octadecyl-3-(3,5 di-tert-butyl-4-hydroxyphenyl) propionate.

23. (Original) The multilayer pressure sensitive correction tape of claim 1, wherein at least one of the layers comprises a tackifier.

24. (Previously Presented) The multilayer pressure sensitive correction tape of claim 23, wherein the tackifier is selected from the group consisting of a rosin ester and an aromatic resin.

25. (Original) The multilayer pressure sensitive correction tape of claim 1, wherein the masking layer or pressure sensitive adhesive layer further comprises at least one of a filler, wetting agent, or bleed inhibitor.

26. (Original) The multilayer pressure sensitive correction tape of claim 25, wherein the filler is calcium carbonate or aluminum oxide.

27. (Original) The multilayer pressure sensitive correction tape of claim 25, wherein the wetting agent is a nonionic fluoroaliphatic polymeric ester.

28. (Previously Presented) The multilayer pressure sensitive correction tape of claim 25, wherein the bleed inhibitor is selected from the group consisting of polyvinyl amine, lecithin and N tallow amines.

29. (Original) The multilayer pressure sensitive correction tape of claim 1, wherein the thickness of the cured masking layer is from about 1 to about 100 μm.

30. (Original) The multilayer pressure sensitive correction tape of claim 29, wherein the thickness of the cured masking layer is about 25 μm.

31. (Original) The multilayer pressure sensitive correction tape of claim 1, wherein the thickness of the cured pressure sensitive adhesive layer is from about 1 to about 30 μm.

32. (Original) The multilayer pressure sensitive correction tape of claim 31, wherein the thickness of the cured pressure sensitive adhesive layer is about 5 μm.

33. (Original) The multilayer pressure sensitive correction tape of claim 1, wherein the radiation is ionizing radiation.

34. (Original) The multilayer pressure sensitive correction tape of claim 33, wherein the ionizing radiation is selected from the group consisting of electron beam radiation, gamma ray radiation and ultraviolet radiation.

35. (Previously Presented) The multilayer pressure sensitive correction tape of claim 1, wherein at least one of the two layers does not contain volatile components when it is applied to the correction tape assembly.

36. (Original) The multilayer pressure sensitive correction tape of claim 1, wherein at least one of the two layers is applied as a hot melt.

37. (Previously Presented) The multilayer pressure sensitive correction tape of claim 36, wherein the masking layer is applied as a hot melt to the correction tape assembly followed by curing.

38. (Previously Presented) The multilayer pressure sensitive correction tape of claim 36, wherein the pressure sensitive adhesive layer is applied as a hot melt to the correction tape assembly followed by curing.

39. (Previously Presented) The multilayer pressure sensitive correction tape of claim 36, wherein the masking layer and the pressure sensitive adhesive layer are applied as hot melts to the correction tape assembly followed by curing.

40. (Previously Presented) The multilayer pressure sensitive correction tape of claim 1, wherein the masking layer and pressure sensitive adhesive layer have viscosities ranging from about 1 to about 1,000,000 cps when said layers are applied to the correction tape assembly.

41. (Previously Presented) The multilayer pressure sensitive correction tape of claim 40, wherein the masking layer and multilayer pressure sensitive adhesive layer have viscosities ranging from about 100 to about 100,000 cps when said layers are applied to the correction tape assembly.

42. (Previously Presented) The multilayer pressure sensitive correction tape of claim 1 wherein;

the release liner is transparent or translucent;

the masking layer is applied to one side of the release line to form a coated side and an uncoated side of the release liner; and

the masking layer is cured by directing radiation to the coated side of the release liner and to the uncoated side of the release liner.

43. (Currently Amended) A multilayer pressure sensitive correction tape comprising:

(A) a release liner;

(B) a masking layer ~~that is cured by radiation after it is applied to~~ on the release liner; and

(C) a pressure sensitive adhesive layer ~~that is cured by radiation after it is applied to~~ on the masking layer; wherein:

(i) the masking layer and the pressure sensitive adhesive layer contain reactive monomers when they are applied to the correction tape assembly; ~~and~~

(ii) the masking layer and the pressure sensitive adhesive layer contain no volatile components when they are applied to the correction tape assembly;

(iii) the masking layer is radiation cured after it is applied to the release liner; and

(iv) the pressure sensitive layer is radiation cured after it is applied to the masking layer.

44. (Previously Presented) A process for the manufacture of a multilayer pressure sensitive correction tape comprising:

(A) providing a release liner,

(B) providing a masking layer on the release liner, and

(C) providing a pressure sensitive adhesive layer on the masking layer;

wherein the masking layer or pressure sensitive adhesive layer is cured by radiation.

45. (Previously Presented) The multilayer pressure sensitive correction tape of claim 1, wherein the radiation cured layers have essentially no solubility in organic solvents or water.

46. (New) The multilayer pressure sensitive correction tape of claim 5, wherein the reactive monomer comprises acrylate or methacrylate.

47. (New) The multilayer pressure sensitive correction tape of claim 43, wherein the reactive monomers comprise acrylate or methacrylate.

48. (New) The process of claim 44, wherein the layer that is cured contains reactive monomers when the layer is applied to the correction tape, wherein the reactive monomer comprise acrylate or methacrylate.